

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 02/Feb/2020 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	128.754	257.847	1) Gujrat	5.806	11.734
2) Hydro	5.660	10.668	2) Madhya Pradesh	12.060	24.036
3) Gas	5.569	11.121	3) Chattisgarh	4.690	9.730
Total MSPGCL	139.983	279.636	4) Maharashtra	115.735	235.444
B) 1) APLM	67.769	139.215	5) Goa (Amona)	-0.484	-1.012
2) JSWEL	21.712	44.914	Total	137.807	279.932
3) VIPL	0.000	0.000	a) Mumbai Schedule	16.432	36.129
4) RPL(AMT)	15.069	27.767	b) Mumbai Drawl	21.652	44.006
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	28.058	56.072
6) Other IPP	15.394	31.091	Include PX	2.685	8.369
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	16.432	36.129
C) 1) TPCL Thermal	12.528	25.583	Include PX	5.433	12.444
2) TPCL Hydro	2.667	5.747	Standby	0.000	0.000
3) TPCL Gas	0.029	2.659	H) ENERGY CATERED (MUs)		
4) AEML Thermal	4.842	9.695	1) MSEDCL	393.876	791.281
D) STATE			2) Mumbai Discoms	41.718	87.690
1) Thermal	266.068	536.112	TOTAL STATE	435.594	878.971
(A1+C1+C4+(B1-B6))					
2) Hydro	8.327	16.415			
(A2+C2)					
3) Gas	5.598	13.780			
(A3+B7+C3)					
4) Wind	11.968	20.248			
6) SOLAR	5.826	12.484			
TOTAL STATE	297.787	599.039			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	5558	5498	5381	4809
MSPGCL Hydro	259	404	265	56
MSPGCL Gas	231	231	233	234
MSPGCL Total Generation	6048	6133	5879	5099
Central Sector Receipt	7632	7285	5384	4473
WIND	495	423	270	914
CPP / IPP Thermal	5772	5709	4968	4219
CPP / IPP Gas	0	0	0	0
SOLAR	883	873	0	0
Exchange with Mumbai	-995	-1174	-1042	-654
MSEDCL DEMAND MET	19835	19249	15459	14051
Load Shedding	0	0	0	0
MSEDCL DEMAND	19835	19249	15459	14051
TPCL GENERATION	757	608	695	539
AEML GENERATION	236	193	193	194
MUMBAI DEMAND	1988	1975	1930	1387
STATE DEMAND MET	21823	21224	17389	15438
STATE DEMAND	21823	21224	17389	15438
Frequency (Hz)	50.00	49.95	49.99	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.3 Hz at 18.01 Hrs	49.8 Hz at 09.06 Hrs	50.01	0 % of Time(min)

Note : The report is based on Operational Data and is for statistical purpose only.

Shift Engineer

Shift Incharge

Daily and Progressive Generation,Maximum,Minimum for 02/Feb/2020

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	11.50	22.48	570	381
Unit 9	10.98	20.87	570	280
Unit 10	11.39	22.54	550	352
Total	33.87	65.88		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	0.00	0.00		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.09	10.12	250	200
Unit 7	5.07	10.24	249	194
Unit 8	0.00	0.00	0	0
Total	10.16	20.36		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	3.96	7.91	174	150
Unit 5	0.00	0.00	0	0
Unit 6	9.93	20.04	480	360
Unit 7	9.81	19.51	474	360
Unit 8	9.95	20.82	480	300
Unit 9	10.50	21.38	500	360
Total	44.15	89.66		
Paras				
Unit 3	4.74	10.08	240	187
Unit 4	5.13	10.55	250	193
Total	9.86	20.63		
Khaparkheda				
Unit 1	4.05	8.02	190	155
Unit 2	4.21	8.35	195	160
Unit 3	4.19	8.49	200	158
Unit 4	4.18	8.46	200	160
Unit 5	10.19	20.14	490	360
Total	26.82	53.46		
Nasik				
Unit 3	3.89	7.86	178	157
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	3.89	7.86		
Uran				
All Units	5.57	11.12	235	220
Total	5.57	11.12		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		
PENCH (MS)				
Pench (MS)	0.40	2.08	53	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.40	2.08		
Koyna				
Stage 1-2	2.22	4.06	455	30
Stage 4	0.24	1.08	130	0
Stage 3	0.44	0.98	154	0
Total	2.90	6.12		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.48	0.96	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.08	0.16	73	0
RNGR+BHTSA	0.32	0.49	16	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.44	0.89	29	15
GHATGHAR	1.44	2.04	125	0
Total	2.76	4.55		
Wind				
Total	11.97	20.25	0	0
Total	11.97	20.25		
CPP				
APML(Mus)	67.77	139.22	0	0
JSWEL(Mus)	21.71	44.91	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	15.07	27.77	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	15.39	31.09	0	0
Total	119.94	242.99		
SOLAR				
Total	5.83	12.48	0	0
Total	5.83	12.48		
Tata				
Trombay 5	8.08	16.48	477	312
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.02	1.50	23	0
Trombay 7B	0.01	1.16	6	0
Trombay 8	4.45	9.10	240	174
TATA Hydro	2.67	5.75	294	0
Total	15.22	33.99		
AEML				
DTPS U-1&2	4.84	9.70	250	190
Total	4.84	9.70		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	128.75	257.85	MSPGCL Total	139.98	279.64
			MSPGCL Thml+Gas	134.32	268.97	Koyna 1,2 & 4 Total	2.46	5.14
			MSPGCL Hydro	5.66	10.67	State Total	297.79	599.04

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 02/Feb/2020

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDI NG	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	4806	130	235	5171	883	4234	0	0	5096	4969	-780	14477	0	14477	1561	16038	50.02
2	4828	61	234	5123	920	4230	0	0	4948	4695	-693	14275	0	14275	1446	15721	49.99
3	4809	56	234	5099	914	4219	0	0	4625	4473	-654	14051	0	14051	1387	15438	49.99
4	4833	156	235	5224	842	4217	0	0	4408	4453	-623	14113	0	14113	1330	15443	49.98
5	4931	77	234	5242	822	4222	0	0	4840	4837	-671	14452	0	14452	1353	15805	50.05
6	5535	72	235	5842	782	4576	0	0	5402	5417	-744	15873	0	15873	1427	17300	50.05
7	5723	92	234	6049	757	4997	0	0	6239	5621	-809	16615	0	16615	1498	18113	50.09
8	5689	687	235	6611	572	4940	0	57	6198	6608	-867	17921	0	17921	1574	19495	49.99
9	5909	523	234	6666	380	5361	0	268	6474	6203	-782	18096	0	18096	1722	19818	49.99
10	5851	298	235	6384	333	5532	0	556	6805	6743	-817	18731	0	18731	1880	20611	49.95
11	5765	343	222	6330	422	5795	0	766	7077	6867	-905	19275	0	19275	1976	21251	50.05
12	5558	259	231	6048	495	5772	0	883	7560	7632	-995	19835	0	19835	1988	21823	50.00
13	5498	404	231	6133	423	5709	0	873	7202	7285	-1174	19249	0	19249	1975	21224	49.95
14	5853	258	231	6342	413	5589	0	829	6968	6913	-1100	18986	0	18986	1893	20879	50.04
15	5785	305	220	6310	286	5468	0	694	6972	6941	-1028	18671	0	18671	1823	20494	50.02
16	5800	597	230	6627	256	5377	0	520	6324	6404	-977	18207	0	18207	1788	19995	49.98
17	5903	375	232	6510	262	5438	0	301	5742	5766	-945	17332	0	17332	1769	19101	49.96
18	5628	198	223	6049	274	5314	0	79	5284	5090	-929	15877	0	15877	1802	17679	50.01
19	5381	265	233	5879	270	4968	0	0	5094	5384	-1042	15459	0	15459	1930	17389	49.99
20	5245	259	233	5737	266	4886	0	0	5130	5363	-1082	15170	0	15170	2040	17210	50.00
21	4926	60	235	5221	366	4798	0	0	5027	4900	-1146	14139	0	14139	2122	16261	50.01
22	4741	60	234	5035	465	4739	0	0	4825	5072	-985	14326	0	14326	1920	16246	50.04
23	4851	65	235	5151	323	4746	0	0	4822	5073	-976	14317	0	14317	1819	16136	49.99
24	4906	60	234	5200	242	4817	0	0	4872	5098	-928	14429	0	14429	1695	16124	50.00
MUs	128.75	5.66	5.57	139.98	11.97	119.94	0.00	5.83	137.93	137.81	-21.65	393.88	0.00	393.88	41.72	435.59	50.01

NOTE : ALL VALUES IN MW

Mumbai Net Exch is shown with reference to MSETCL system and (-) sign indicates MSETCL periphery to Mumbai system.

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 02/Feb/2020

Position as on 6.30 Hrs of 03/Feb/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CPP	SWPGL U-3	135	01/11/2018	00.28		Continued.	Annual Overhaul	
MSPGCL	Ghatghar Unit-1	125	25/09/2019	04.20		Continued.	Withdrawn On Shaft Seal Water Leakage.Converted to AOH From 1 Nov 2019.	
MSPGCL	Nasik Unit 5	210	12/12/2019	10.25		Continued.	PA Fan Problem (Under Case 4 Bidding From 04.25Hrs DT. 13-12-2019)	
AEML	AEML Unit 2	250	06/01/2020	18.44		Continued.	Annual Overhaul	
MSPGCL	Chandrapur Unit 5	500	30/01/2020	12.30		Continued.	Annual Maintenance Work.	
FORCED OUTAGE								
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	No PPA	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
CPP	SWPGL U-4	135	15/12/2018	00.00		Continued.	No Schedule	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 7	210	27/08/2019	09.52		Continued.	Coal Flow Problem Due To Wet Coal.(Converted To Zero Schedule From 12.09.2019 At 20.00 hrs)	
MSPGCL	Bhusawal Unit 3	210	01/09/2019	17.56		Continued.	Zero Schedule from 18:00hrs of 28/09/2019	
MSPGCL	Koradi Unit 6	210	06/09/2019	15.41		Continued.	Zero Schedule By MSEDCL	
IPP	RPL(AMT) U-5	270	09/11/2019	03.00		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-4	270	12/11/2019	00.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Bhusawal Unit 5	500	23/12/2019	22.05		Continued.	Boiler Tube Leakage(Converted to Zero Schedule from 22.00Hrs DT. 26-12-2019)	
MSPGCL	Bhusawal Unit 4	500	29/12/2019	00.57		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Nasik Unit 4	210	21/01/2020	10.30		Continued.	Zero schedule	
MSPGCL	Uran Unit 6	108	28/01/2020	01.40		Continued.	Routine Operating Hour Equalization Of Units.	
MSPGCL	Uran Unit A0	120	28/01/2020	22.03		Continued.	Gas shortage	
MSPGCL	Uran Unit 5	108	28/01/2020	22.03		Continued.	Gas shortage	
MSPGCL	Parli Unit 8	250	31/01/2020	19.10		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 3	210	31/01/2020	23.59		Continued.	Boiler Validity Renevoation	
TPC-G	Trombay 7B	60	02/02/2020	00.16		Continued.	Gas shortage	
TPC-G	Trombay 7A	120	02/02/2020	00.34		Continued.	Gas shortage	
MSPGCL	Koyna Unit 3	70	02/02/2020	08.20		Continued.	Maintenance work	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 02/Feb/2020

Position as on 6.30 Hrs of 03/Feb/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koyana Unit 4	70	02/02/2020	08.30		Continued.	Maintenance work	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 02/Feb/2020

Statement-VII

Position as on 6.30 Hrs of 03/Feb/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV LINE Outages/Trippings							
Karad Solapur (PG)	InterState	03/05/2017	11:49		Continued.	PO	Line Converted As 220 Kv Solapur (PG)- Jeur From LOC 403
Dhule Sar'Sarovar I	InterState	01/02/2020	18.12	02/02/2020	07.20	HT	Over Voltage
Karad Solapur (PG)	InterState	02/02/2020	10.37	02/02/2020	15.48	PO	Conversion From SSN To DSN At LOC No 455 & 434.
Dhule Sar'Sarovar II	InterState	02/02/2020	18.51		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	01/02/2020	17.57	02/02/2020	07.13	HT	Over Voltage
Jejuri- Koynastage-IV	IntraState	02/02/2020	11.10	02/02/2020	18.26	PO	String Replacement At LOC 206 CP.
Khadka-Aurangabad (Waluj)	IntraState	02/02/2020	17.37		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 MVA ICT I @Babhleshwar	IntraState	01/02/2020	11.15	02/02/2020	07.01	PO	Fixing Of WTI & OTI Capillary Tubes & Renovation Of Cooling System.
400/220/33kv 500MVA ICT 5 @ Padghe	IntraState	02/02/2020	12.58		Continued.	PO	Attending Problem of Scada, 220kv R-Ph CT minor Oil Leakage.
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule.(close at Mudshingi end only)
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule.(close at Chikodi end only)
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Trombay - Kalwa	IntraState	27/01/2020	10.54		Continued.	PO	Stringing Work.
Borivali - Ghodbunder	IntraState	30/01/2020	12.05		Continued.	PO	Replacement Line Boxes.
Apta - Kalwa1	IntraState	02/02/2020	07.00	02/02/2020	18.02	PO	For Kalwa 220kv Creak-Side Bus Outage.
Kalwa1 - Taloja	IntraState	02/02/2020	07.59	02/02/2020	16.03	PO	For Kalwa 220kv Creak-Side Bus Outage.
Nandedcity-Parvati	IntraState	02/02/2020	08.25	02/02/2020	19.03	HT	Load Management Due To Outage On 400kv Jejuri Koyna 4 Line.
JEJURI (400 Kv) - GIS KONDHWA	IntraState	02/02/2020	09.40	02/02/2020	18.57	HT	Load Management Due To Outage On 400kv Jejuri Koyna 4 Line.
Chinchwad-Hinjewadi I	IntraState	02/02/2020	09.50	02/02/2020	19.02	T	Facilitationg 400kv Jejuri Stage-4 Line Outage Reducing Load On Jejuri ICT's.
Satana-Gangapur	IntraState	02/02/2020	10.28	02/02/2020	20.18	T	Distance Protection
Trombay MSETCL Tie 2	IntraState	02/02/2020	10.45	02/02/2020	17.13	PO	Bus Section-1 Outage.
Kalwa1 - Taloja	IntraState	02/02/2020	16.24	02/02/2020	17.54	PO	Remaining Testing Work of Bus.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT-IV@Kalwa	IntraState	02/02/2020	07.34	02/02/2020	17.46	PO	For Kalwa 220kv Creak-Side Bus Outage.
220/100 Kv 200 Mva ICT III @Kalwa	IntraState	02/02/2020	07.43	02/02/2020	15.54	PO	For Kalwa 220kv Creak-Side Bus Outage.
220/100 Kv 200 Mva ICT III @Kalwa	IntraState	02/02/2020	16.23	02/02/2020	17.58	PO	Remainig Testing Work of Bus.

HT : Hand Tripping, MT : Multiple Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage, OO : Opportunity Outage